

# Notice of Allowability

Application No.

09/526,117

Examiner

Robert C. Scheibel

Applicant(s)

TSCHUDIN, CHRISTIAN

Art Unit

2666

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 6/10/2005.
2. ☒ The allowed claim(s) is/are 1, 16, and 20-34, renumbered 1-17.
3. ☒ The drawings filed on 20 October 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20050627.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ronit Gillon on 6/27/2005 and Alexander Zinchuk on 7/11/2005.

The application has been amended as follows:

In the abstract, on page 29, line 13, "said" has been corrected to --the--.

In claim 1, line 4, "an input index field and at least one operation code" has been corrected to --an input index field, an output index field, and at least one operation code --.

In claim 1, line 10, "execution on" has been corrected to --executing --.

In claim 1, line 12, "said at least one route table entry further containing an output index field", has been deleted.

In claim 1, line 13, "and at least one multi-set of tokens being maintained" has been corrected to --and maintaining at least one multi-set of tokens--.

Art Unit: 2666

In claim 16, line 4, "an input index field and at least one operation code" has been corrected to --an input index field, an output index field, and at least one operation code --.

In claim 16, line 12, "said at least one route table entry further containing an output index field", has been deleted.

In claim 16, line 13, "and at least one multi-set of tokens being maintained" has been corrected to --and means for maintaining at least one multi-set of tokens--.

In claim 21, line 4, "an input index field and at least one operation code" has been corrected to --an input index field, an output index field, and at least one operation code --.

In claim 21, line 11, "execution on" has been corrected to --executing --.

In claim 21, lines 12-14, "wherein the route table entries further contain an output index field, wherein at least one multi-set of tokens is maintained, that every matched token", has been corrected to --maintaining at least one multi-set of tokens such that every matched token--.

In claim 21, lines 14-15, "at least one multi-set, that the packet" has been corrected to --at least one multi-set and that the packet--.

Art Unit: 2666

In claim 24, lines 2-3, "containing one of operation code and a program" has been corrected to --containing one of an operation code or a program --.

In claim 25, lines 1-2, "wherein at least one of operation code and of a program" has been corrected to --wherein said at least one of an operation code or a program--.

In claim 25, line 3, "reference to one of an externally installed" has been corrected to --reference to an externally installed--.

In claim 25, line 3-4, "and at least one of any other software and hardware based device" has been corrected to --and any other software or hardware based device--.

In claim 26, lines 2-3, "at least one of operation code and of a program" has been corrected to --at least one of an operation code or a program--.

In claim 27, lines 2-3, "containing operation code is assigned a program flow and that at least one of" has been corrected to --containing an operation code is assigned a program flow and at least one of--.

In claim 27, lines 3-4, "selector and of other data stored in this token is formed such that this program flow" has been corrected to --selector and other data stored in said at least one token is formed such that the program flow--.

Art Unit: 2666

In claim 31, line 2, "more\_auxiliary hash table or indirection pointer" has been corrected to --more auxiliary hash tables or indirection pointers--.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert C. Scheibel whose telephone number is 571-272-3169. The examiner can normally be reached on Monday and Thursday from 6:30-5:00 Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema S. Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*RC* 7-11-05  
Robert C. Scheibel  
Examiner  
Art Unit 2666

*Seema S. Rao*  
SEEMA S. RAO 7/19/05  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

Replacement Sheet

Amtdt. Dated Oct. 18, 2004

Reply to Office Action of June 9, 2004

Appl. No. 09/526,117



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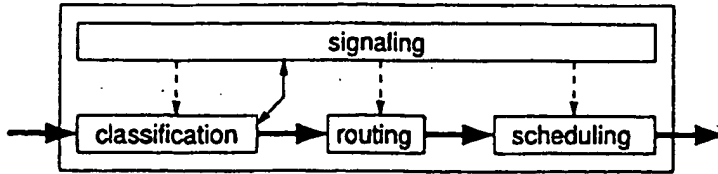


Fig. 1 (PRIOR ART)

OK.  
RCS  
7-11-05

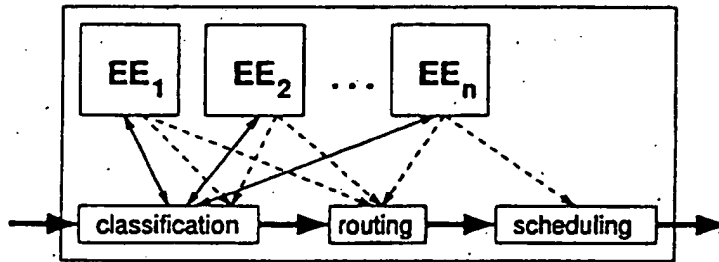


Fig. 2 (PRIOR ART)

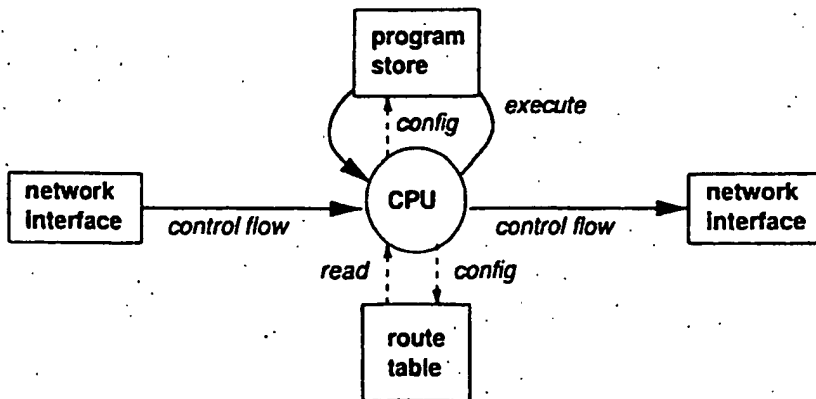


Fig. 3 (PRIOR ART)